

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078945.D
 Acq On : 18 Aug 2023 16:23
 Operator : JC\MD
 Sample : PB154902ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#02

Quant Time: Aug 18 23:44:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

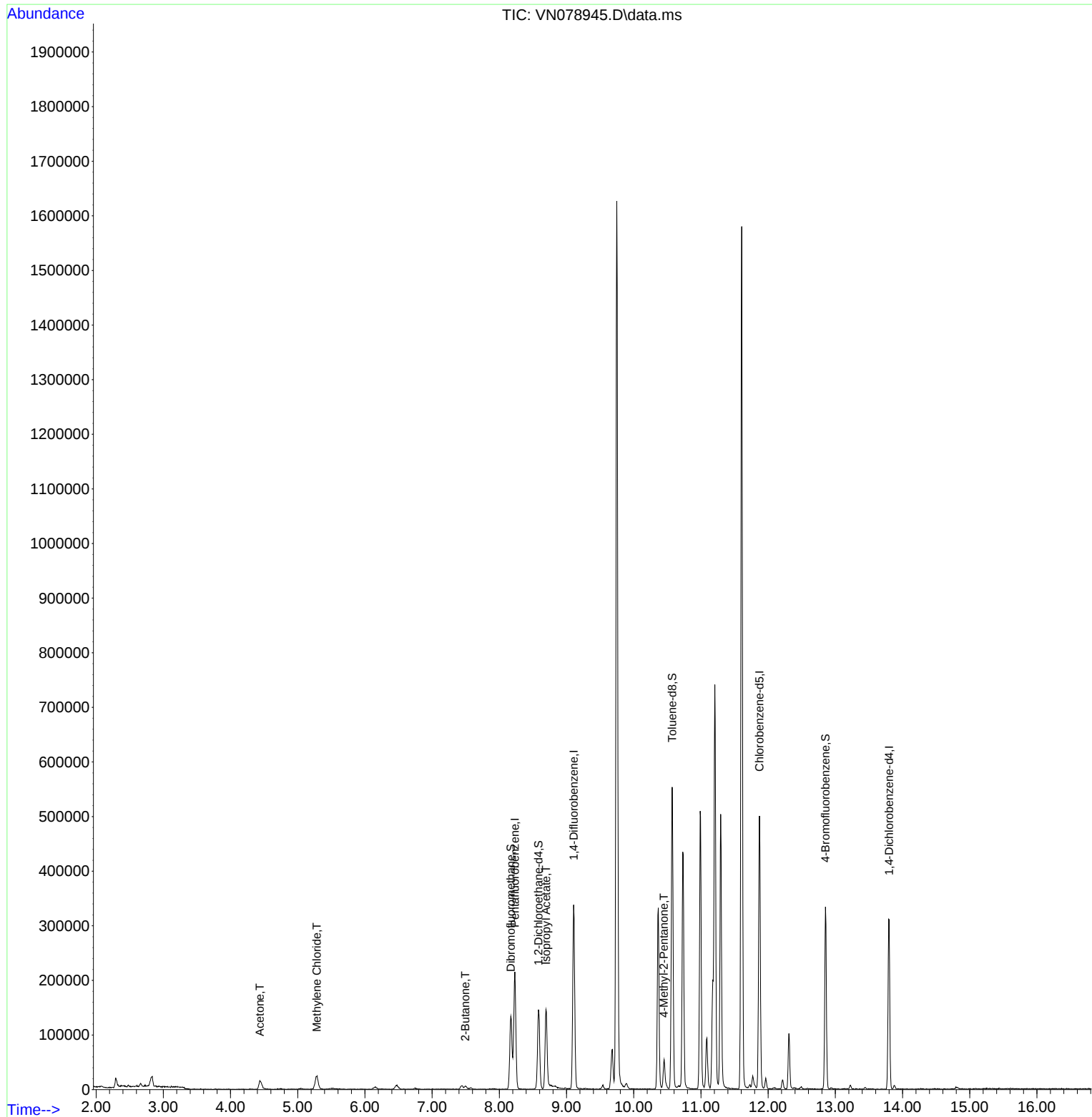
Internal Standards						
1) Pentafluorobenzene	8.230	168	151217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	275658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	84117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117133	49.779	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.560%
35) Dibromofluoromethane	8.171	113	94830	50.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	10.571	98	360983	51.818	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.853	95	107913	47.392	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.780%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	31279	32.216	ug/l #	84
20) Methylene Chloride	5.283	84	17527	8.471	ug/l	86
25) 2-Butanone	7.494	43	9372	6.021	ug/l #	67
43) Isopropyl Acetate	8.694	43	170714	30.587	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	41820	12.634	ug/l #	79

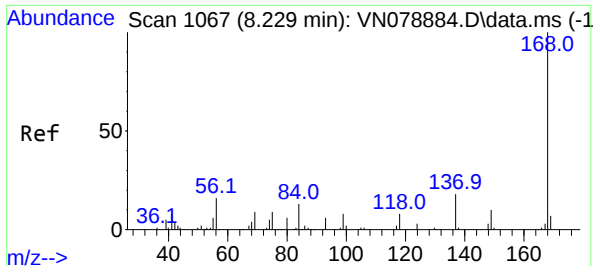
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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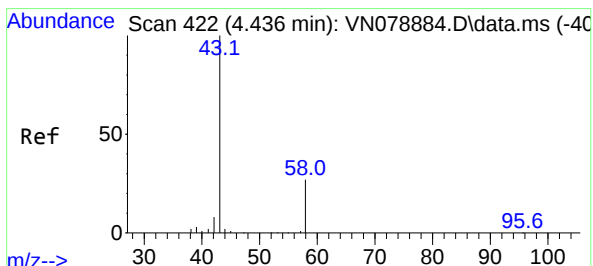
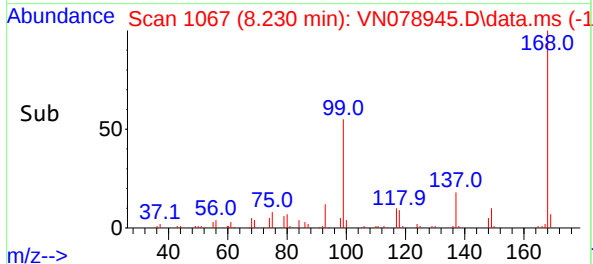
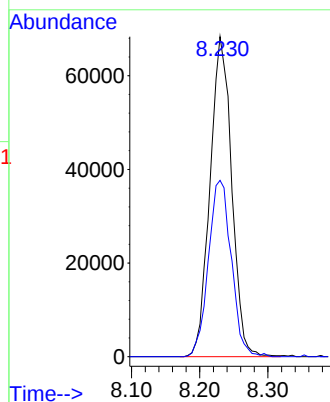
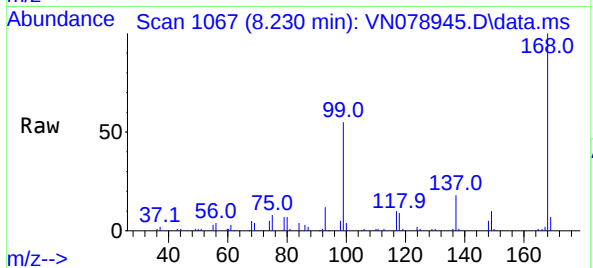




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

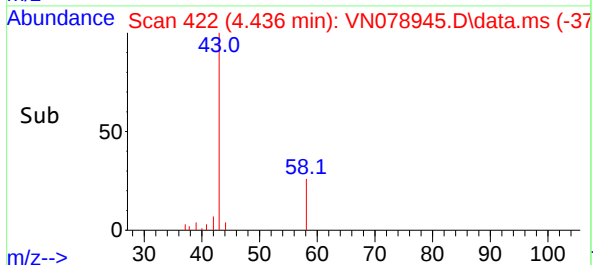
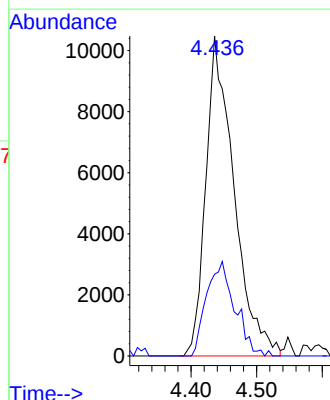
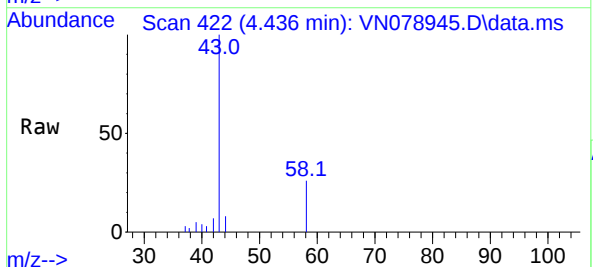
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#02

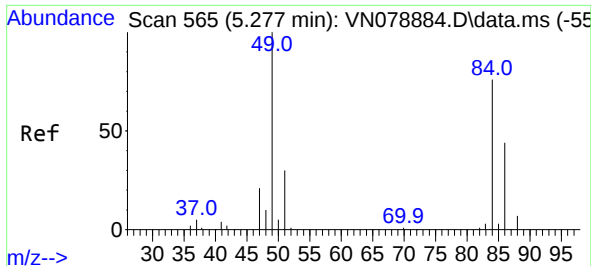
Tgt Ion:168 Resp: 151217
Ion Ratio Lower Upper
168 100
99 55.1 53.0 79.6



#16
Acetone
Concen: 32.216 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

Tgt Ion: 43 Resp: 31279
Ion Ratio Lower Upper
43 100
58 25.5 28.0 42.0#



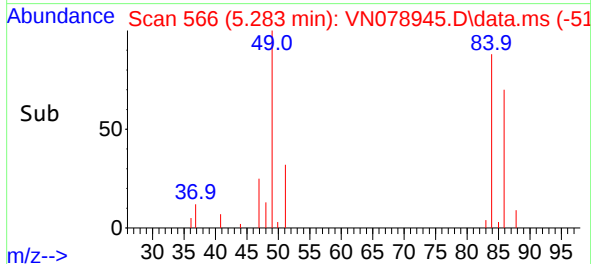
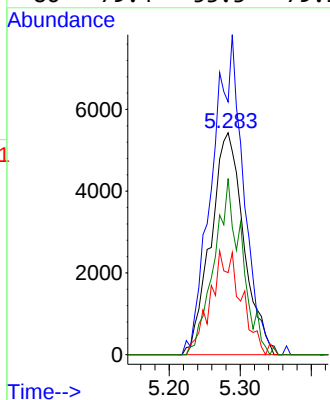
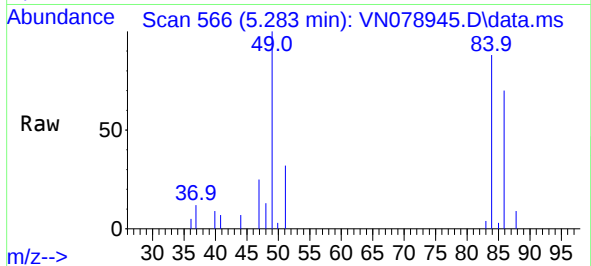


#20
Methylene Chloride
Concen: 8.471 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#02

Tgt Ion: 84 Resp: 17527

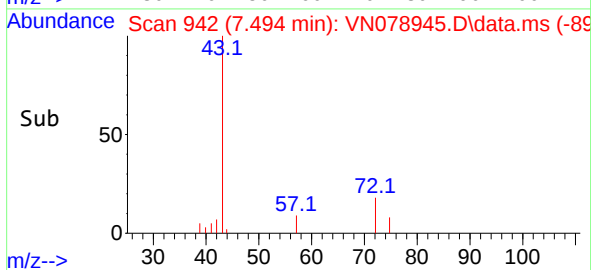
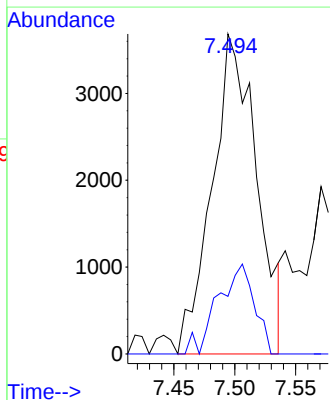
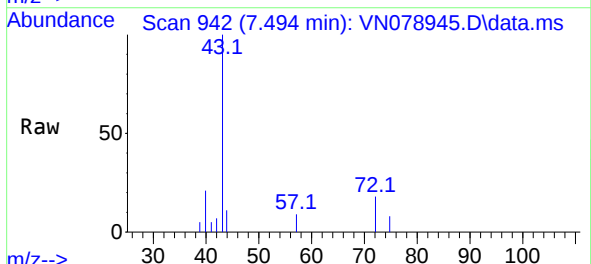
Ion	Ratio	Lower	Upper
84	100		
49	113.9	79.7	119.5
51	37.0	25.2	37.8
86	79.4	53.3	79.9

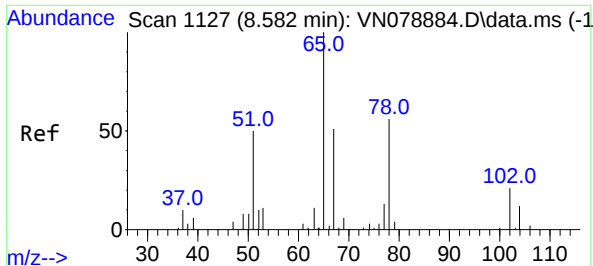


#25
2-Butanone
Concen: 6.021 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

Tgt Ion: 43 Resp: 9372

Ion	Ratio	Lower	Upper
43	100		
72	18.0	30.2	45.2#

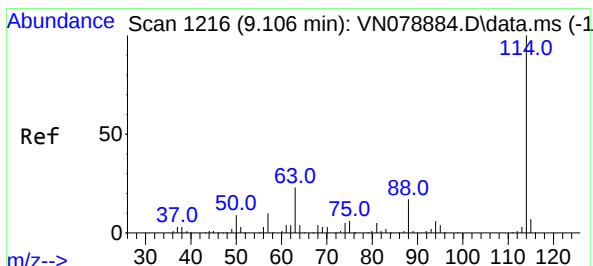
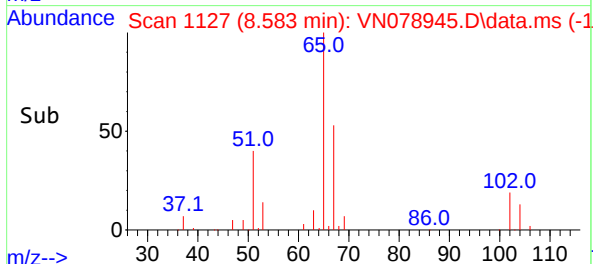
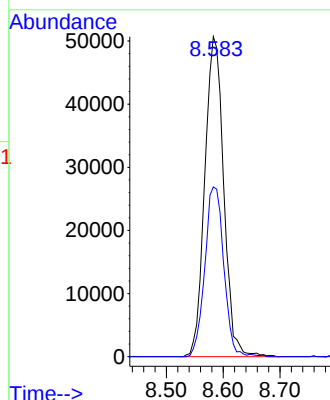
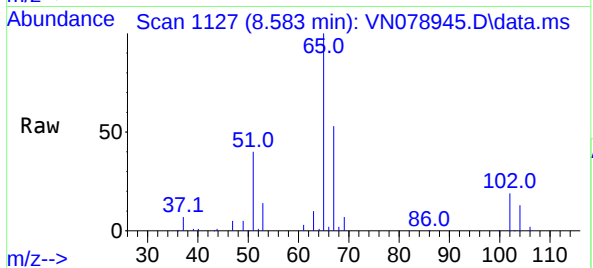




#33
1,2-Dichloroethane-d4
Concen: 49.779 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

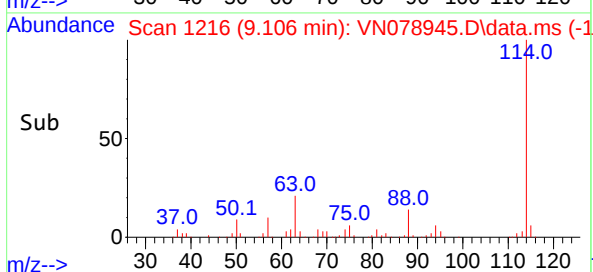
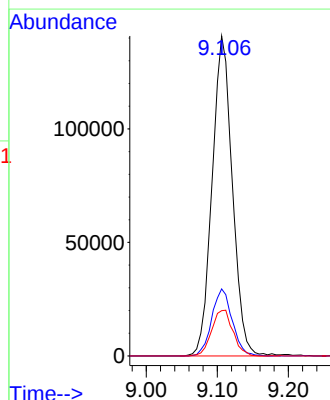
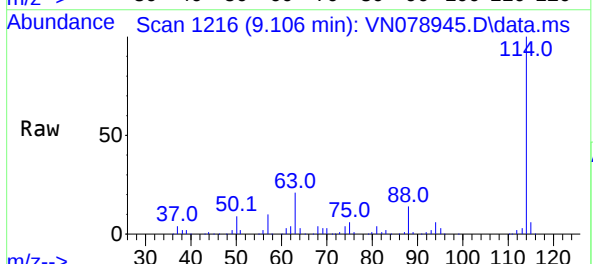
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#02

Tgt Ion: 65 Resp: 117133
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

Tgt Ion: 114 Resp: 278716
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 14.2 0.0 30.6

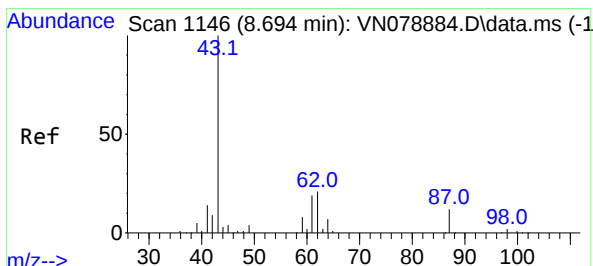
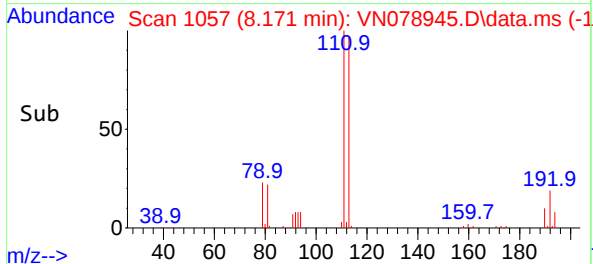
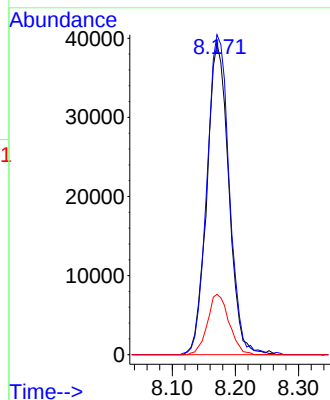
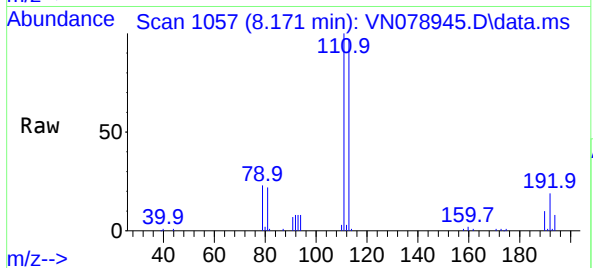




#35
Dibromofluoromethane
Concen: 50.544 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

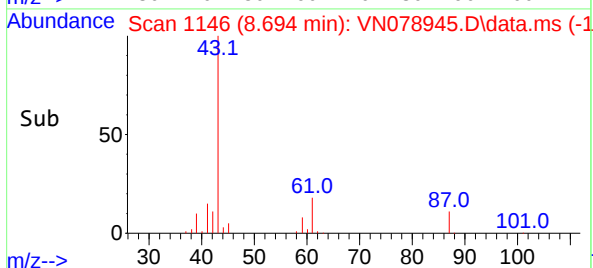
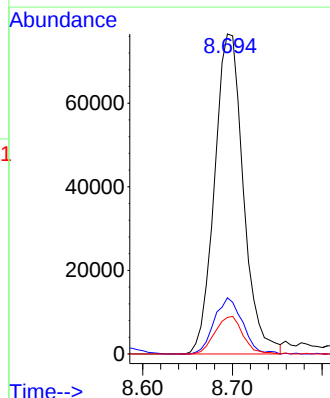
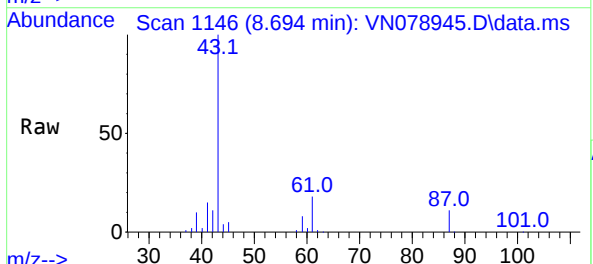
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#02

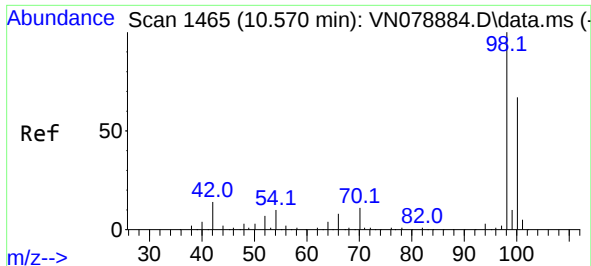
Tgt Ion:113 Resp: 94830
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 19.1 12.7 19.1#



#43
Isopropyl Acetate
Concen: 30.587 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

Tgt Ion: 43 Resp: 170714
Ion Ratio Lower Upper
43 100
61 17.3 24.7 37.1#
87 11.3 14.6 21.8#

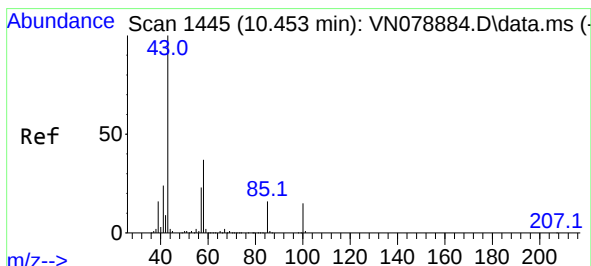
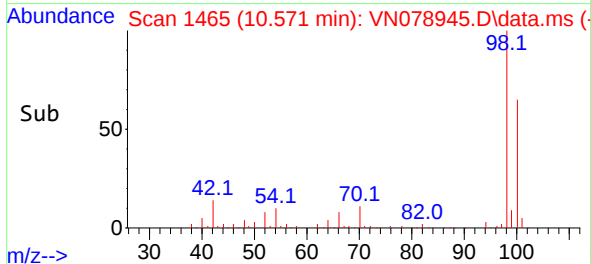
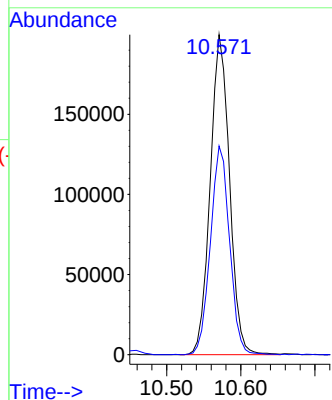
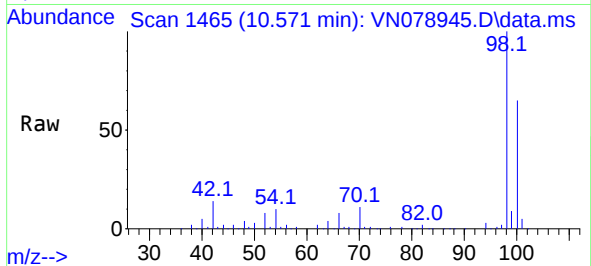




#50
Toluene-d8
Concen: 51.818 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

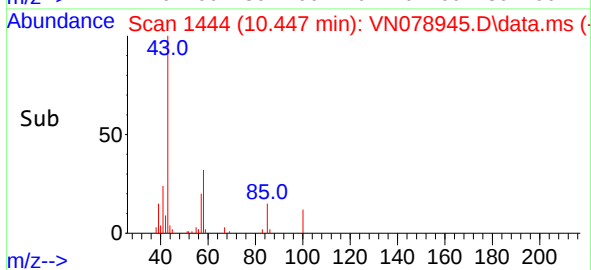
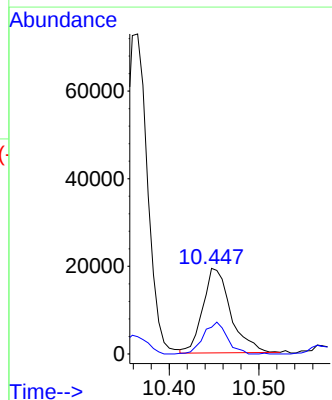
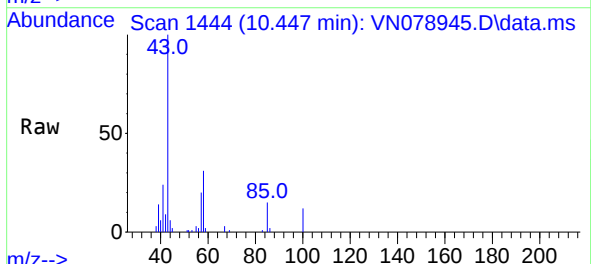
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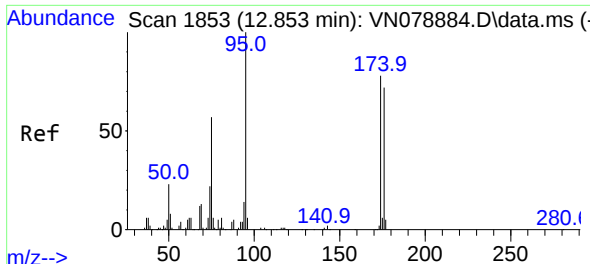
Tgt Ion: 98 Resp: 360983
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 12.634 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

Tgt Ion: 43 Resp: 41820
Ion Ratio Lower Upper
43 100
58 31.7 36.6 54.8#

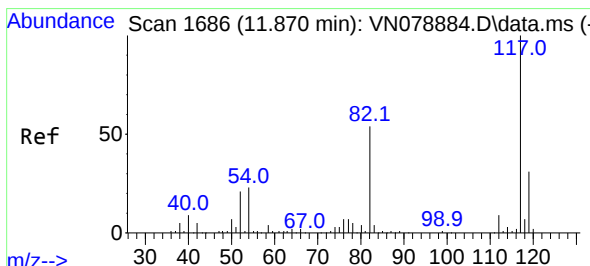
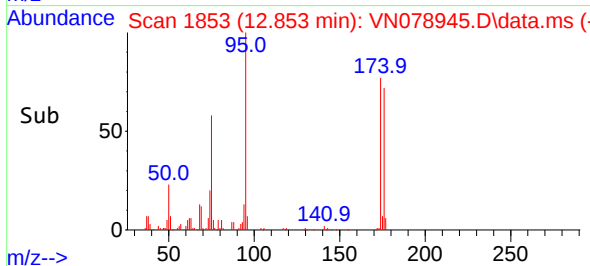
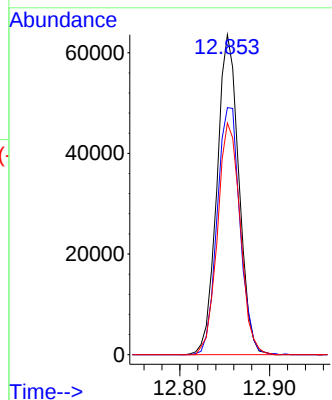
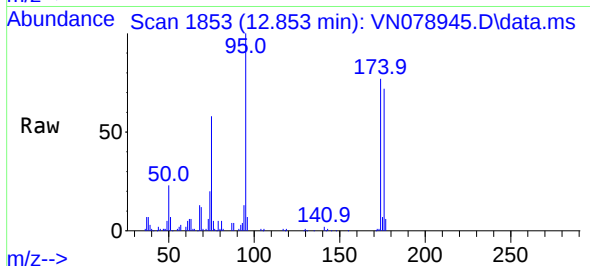




#62
4-Bromofluorobenzene
Concen: 47.392 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

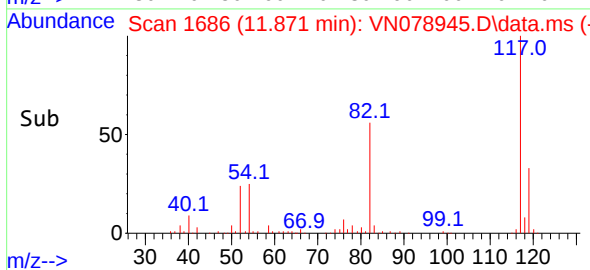
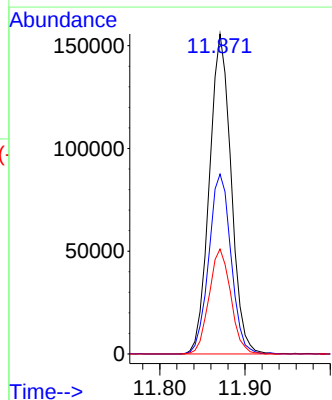
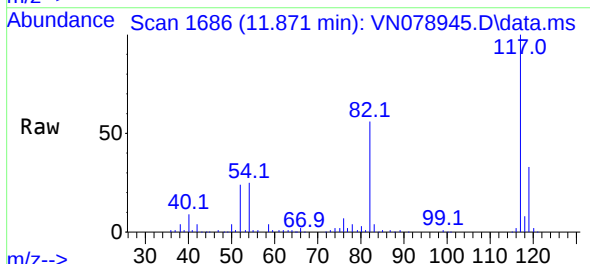
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#02

Tgt Ion: 95 Resp: 107913
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 74.8 0.0 135.8

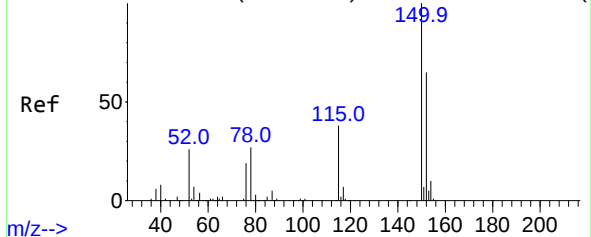


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

Tgt Ion: 117 Resp: 275658
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 32.8 25.6 38.4

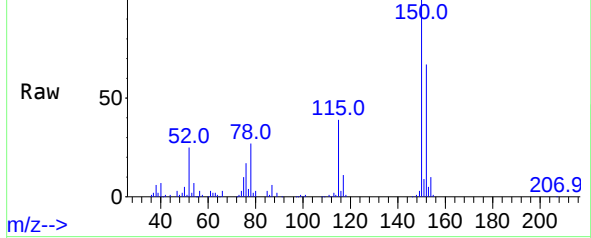


Abundance Scan 2013 (13.794 min): VN078884.D\data.ms (-



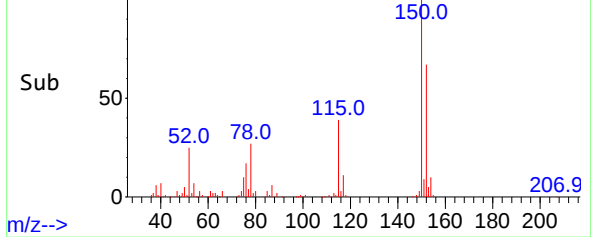
m/z-->

Abundance Scan 2014 (13.800 min): VN078945.D\data.ms (-



m/z-->

Abundance Scan 2014 (13.800 min): VN078945.D\data.ms (-



m/z-->

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078945.D
Acq: 18 Aug 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#02

Tgt Ion:152 Resp: 84117
Ion Ratio Lower Upper
152 100
115 59.1 32.3 96.8
150 155.5 0.0 355.8

